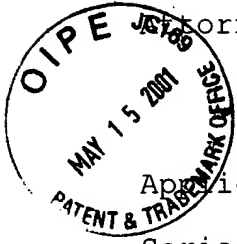


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Attorney Docket No. 00691/LH

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): Tetsushi YOSHIDA et al

Serial No. : 09/669,946

Filed : September 26, 2000

For : LIQUID CRYSTAL DISPLAY
APPARATUS USING POLARIZING
ELEMENT TRANSMITTING ONE OF
TWO POLARIZING COMPONENTS
CROSSING AT RIGHT ANGLES
AND REFLECTING THE OTHER
COMPONENT

Art Unit : 2871

Examiner :

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents,
Washington, D.C. 20231

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S I R :

Submitted herewith is a copy of WO 97/01789 and a Form PTO-1449 listing the particulars thereof. It is requested that the Examiner return an initialed copy of the Form PTO-1449 to confirm that the WO 97/01789 has been considered and made of record.

WO 97/01789 is in the English language.

DISCUSSION

WO 97/01789 discloses switchable optical-panel 10 wherein an optically active layer made of a liquid crystal device is sandwiched between first reflective polarizer 32 and second reflective polarizer 34. The switchable optical-panel 10 is

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S. Dianne Franklin
S. Dianne Franklin

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378

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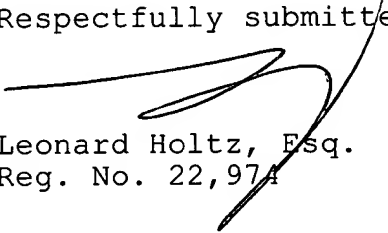
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available for switchable window 62 which is switchable between a reflecting state and a transmitting state.

WO 97/01789 also discloses transflective optical display 128 wherein the switchable transflector 136 made of the switchable optical-panel is sandwiched between liquid crystal display device 130 and backlight 132.

WO 97/01789, however, discloses that the switchable optical-panel made up of the liquid crystal device and first and second reflective polarizers is utilized as an optical device which is switchable between a transmitting function and a reflecting function. WO 97/01789 does not disclose such a liquid crystal display apparatus of the present invention, wherein a reflective polarizer device is arranged in front and rear of a liquid crystal display device to show an image etc., and wherein an optical change by application of an electric field from the front-side reflective polarizer device to the liquid crystal display device is observed as an image.

Respectfully submitted,



Leonard Holtz, Esq.
Reg. No. 22,974

Dated: May 15, 2001

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